

Rec I # 211

KASTORSKAYA, Ye. A.

TO

KASTORSKAYA, Ye.A., kand. sel'skokhoz. nauk.

Effect of deep plowing on the water stability, physical properties, and moisture regimen of heavy soils with a temporary excess of moisture. Trudy SevNIIGIM no.12:149-158 '57. (MIRA 12:10)  
(Plowing) (Soil moisture)

KASTORSKAYA, Ye,A., kand.sel'skokhozyaystvennykh nauk

System of agricultural land reclamation measures suitable for different farm crops. Trudy SevNIIGiM no.14:127-140 '58. (MIRA 13:6)  
(Drainage) (Tillage)

S/138/63/000/003/008/003  
A051/A126

AUTHORS: Kastorskii, A. P., Mednikova, I. N.

TITLE: Analysis of cis-butadiene rubber by the infra-red spectroscopy method

PERIODICAL: Kauchuk i rezina, no. 3, 1963, 55 57

TEXT: A new method has been developed for the structural determination of cis-butadiene rubber in film form, using absorption bands at  $1,440 \text{ cm}^{-1}$ . The disadvantages of the previously-used method are listed. According to the new method, a film of polymer is applied to a plate of sodium chloride or sodium bromide by vaporizing from solution. Then, the infra-red spectroscopy of the film is made, the optical densities determined, and from these the chain content calculated. The effect of the film thickness on the results of the analysis is eliminated by the internal standard method. A mathematical analysis for the film is presented. It was shown that the ratio of the optical densities is directly proportional to the concentrations of every form. The suggested method is recommended for mass analysis of cis-butadiene rubber, time and labor being cut by

Card 1/2

Analysis of cis-butadiene rubber by the...

S/138/63/000/003/008/008  
A051/A126

more than three times. There is 1 figure and 1 table.

ASSOCIATION: Yaroslavskiy Zavod Sinteticheskogo Kauchuka (Yaroslavl' Plant of Synthetic Rubber)

Card 2/2

SHUL'TS, R.S.; KASTORSKIY, D.I.

On the study of helminths of the Caucasian bear (*Ursus arctos caucasicus* Smirn., 1919) and discovery of *Gongylonema pulchrum* (Mel., 1860) parasite on it. Dekl. AN Arm.SSR 11 no.3:99-104 '49.  
(MLRA 9:10)

1.Predstavlene K.I.Skryabinym.  
(Zakataly District--Nematedes) (Parasites--Bears)

KASTORSKIY, D.I.

SIUL'TS, R. S. and KASTORSKIY, D.I.

1949. K izucheniyu gel'mintov kavkazskogo medvedya (*Ursus arctos caucasicus* Smirn, 1919) ik obnaruzheniyu nego. *Gongylonema pulchrum* (Molin, 1860)

KASTORSKIY, F.

Professor Vitalii Viktorinovich Gromov. Kaz. med. zhur.  
1989-90 S-0 '61. (MIRA 15:3)  
(GROMOV, VITALII VIKTORINOVICH, 1900-)

KASTORSKIY, F.V.

Professor Vitalii Viktorinovich Gromov (On his 60th birthday).  
Vest. otorin. no.6:105 '61. (MIRA 15:1)  
(GROMOV, VITALII VIKTORINOVICH, 1901-)

KASTORSKIY, F.V., kand.med.nauk

Endaural tympanoplasty in chronic suppurative otitis media.  
Vest. otorin. no.4:53-57 '62. (MIRA 16:3)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - prof. V.V. Gromov) Kazanskogo instituta usovershenstvovaniya vrachey imeni V.I. Lenina.  
(EAR—DISEASES) (TYMPANAL ORGAN—SURGERY)  
(SKIN—GRAFTING)

ACCESSION NR: AP4030787

S/0020/64/155/004/0874/0875

AUTHOR: Turov, B. S.; Vinogradov, P. A.; Dolgoplosk, B. A. (Corresponding member); Kostina, S. I.; Kastorskii, L. P.

TITLE: Effect of electron donor additives on the microstructure of the chain by stereospecific polymerization of butadiene in the presence of "cobaltic" catalytic systems.

SOURCE: AN SSSR. Doklady\*, v. 155, no. 4, 1964, 874-875

TOPIC TAGS: butadiene, polymerization, polybutadiene, electron donor additive, chain microstructure, cobaltic catalyst system, stereospecific polymerization, dialkylsulfide, simple ether, tertiary amine, cobalt chloride ethanol complex, diisobutylaluminum chloride, polymerization rate, molecular weight

ABSTRACT: The effect of dialkylsulfides, simple ethers and tertiary amines on the microstructure of the chain formed by polymerizing butadiene in a catalytic system consisting of the  $\text{CoCl}_2\text{-C}_2\text{H}_5\text{OH}$  complex and diisobutylaluminum chloride dissolved in a hydrocarbon was investigated. Experiments were run in benzene at 30°C using 0.01 wt.% (based on monomer) of the  $\text{CoCl}_2$ -catalyst. Microstructure

Cord 1/2

TUROV, B.S.; VINCGRADOV, P.A.; DOLGOPLOSK, B.A.; KOSTINA, S.I.; KASTORSKIV,  
L.P.

Effect of electron-donating additions on the chain microstructure  
in the stereospecific polymerization of butadiene in the presence  
of "cobal" catalytic systems. Dokl. AN SSSR 155 no. 4:874-875  
Ap '64. (MIRA 17:5)

1. Chlen-korrespondent AN SSSR (for Dolgoplosk).

33513

S/619/61/000/019/003/019  
D039/D112

3.9300 (1019,1327)

AUTHORS: Borisevich, Ye.S.; Kastorskiy, S.A.; Mosyagina, M.S.

TITLE: The OSB-V seismic oscillograph

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Trudy, no. 19 (186).  
Moscow, 1961, Seismicheskiye pribory, 19-24

TEXT: The article describes the new ОСБ-В(OSB-V) seismic oscillograph designed for the recording of earthquakes under expedition conditions and at temporary seismic stations. Its principle of operation is similar to that of the ОСБ-IV (OSB-IV) oscillograph described by Ye.S. Borisevich, M.V. Zabelina and M.S. Mosyagina in the above source, pp 12-18. Test models of the OSB-V device have been made at the SKB of the Institut fiziki Zemli (Institute of Physics of the Earth), and small series production of them is to be organized at the Moskovskiy radiomechanicheskiy tekhnikum (Moscow Radiomechanical Tekhnikum). Unlike the OSB-IV oscillograph, the lightproof drum cassette of the OSB-V is mounted on the outer housing. It has provision for an attachment consisting of three ГК - VII (GK-VII) or М21/2 (M 21/2) galvanometers and luminaires. The OSB-V oscillograph

Card 1/3

X

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S/619/61/000/019/003/019  
.D039/D112

The OSB-V seismic oscillograph

is 690 x 435 x 400 mm in size and weighs 34 kgf without the drum cassette and 45 kgf with it. It is equipped with six ГБ-III-5С(GB-III-BS) galvanometers assembled in two sets with common permanent magnets. Normal ГБ-III(GB-III), or ГБ-IV(GB-IV) galvanometers can also be used. Recording is performed on a 280-mm wide and 900-mm long strip of photographic paper fixed on a drum rotating at peripheral speeds of 7.5, 15 and 30 mm/min, or 60, 120 and 240 mm/min. Switching from one speed to another is effected by gear systems and regulators. The pitch of the helical line of the recording can be set from 1 to 5 mm per revolution of the drum. A spring mechanism with a pendulum or flyball regulator and a Г-31 (G-31) hysteresis synchro motor actuate the oscillograph. The spring mechanism operates 8 hrs with the flyball regulator and 12 hrs with the pendulum regulator without rewinding. The length of the optical indicator and the methods of applying the time markings and regulating the filament of the luminaire lamp are the same as for the OSB-IV oscillograph. The optical systems of both devices are also similar. The electrical circuit of the OSB-V consists of a feed source, a luminaire with

X

Card 2/3

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4/619/61/ccc/019/00-7/11  
P059/P112

The OSB-V seismic oscillosograph

an СЦ-79 (STS-79), or СЦ-78 (STS-78) lamp, a unit for automatic time marking, an automatic photoelectronic filament overheating device, a high-voltage generator for feeding the photoresistor, a unit for checking the food voltage. A separate description is given of the kinematic system. There are no figures in the Soviet-bloc references.

W

Card 3/3

S/619/61/000/019/011/019  
D039/D112

AUTHORS: Borisevich, Ye.S.; Gol'dfarb, M.L.; Kastorskiy, S.A.; Preobrazhenskiy, V.B.

TITLE: The PSERP-I seismic pen-recorder

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Trudy, no. 19 (18e).  
Moscow, 1961, Seismicheskiye pribory, '73-77

TEXT: The authors describe the ПСЕРП-И (PSERP-I) seismic pen recorder for producing a continuous visible recording of seismic oscillations. The recording is made on an endless paper tape by means of three exchangeable galvanometers, equipped with ink pens or heated pens. In the latter case, a tape with a low-melting coating is used. Both the paper tape and the pen-recording galvanometers move simultaneously, thus producing a helical-line recording. The recorder can record seismic vibrations with a frequency of up to 3 cps at a double amplitude of up to 20 mm. The recording is made along an arc and the thickness of the recording lines is 0.5 mm. All the pen-recording galvanometers are assembled into independent magnetic systems with shunts, and are mounted on a common moving carriage. The paper tape is 304-mm wide and 900-mm long and is transported at speeds of 30, ✓

Card 1/2

The PSERP-I seismic pen recorder

S/619/61/000/019/011/019  
D039/D112

60 and 120 mm/sec. The carriage moves at speeds of 1.72 and 3.44 mm per revolution of the tape. The tape and the carriage are moved by a synchro motor or a spring mechanism wound up every 12 hrs. The instrument is 460 x 470 x 290 mm in size and weighs 33 kgf. Its kinematic system and electrical circuit are described. The PSERP-I can be used at permanent and temporary seismic stations. It has successfully passed tests and its industrial production is now being mastered at the Kishinevskiy zavod elektroizmeritel'nykh priborov (Kishinev Electrical Measuring Instruments Plant). There are 4 figures and 1 table.

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Card 2/2

BORISEVICH, Ye.S.; KASTORSKIY, S.A.; MOSYAGINA, M.S.

Seismic type OSB-VI oscillograph. Trudy Inst. fiz. Zem. no.26:  
93-97 '63.  
(MIRA 16:11)

L 5157-66 ENT(1)/EFC(k)-2/EWA(h) ACC NR: AT6000082	GW	SOURCE CODE: UR/2619/64/000/035/0043/
AUTHOR: Borisevich, Yu. S.; Kastorskij, S. A.; Mozyarina, N. S. 44,55 44,39 44,55	41 Bf1	
ORG: Institute of Physics of the Earth im. O.Yu. Schmidt, AN SSSR (Institut fiziki zemli AN SSSR)		
TITLE: Modernized OSB-VI-N seismic oscillograph 44,55	25	
SOURCE: AN SSSR. Institut fiziki zemli. Trudy, no. 35, 1964, 43-48		
TOPIC TAGS: seismography, seismologic instrument, oscilloscope, galvanometer, seismologic station 44,55,12 44,65,12	10	
ABSTRACT: This oscillograph was designed for use in the field or at a seismic station. It can also be used to record other low-frequency processes. Six galvanometers of either the GB-III-B-5 or GB-III-B3-2.5 types are used. Recording is on paper 280 mm wide with a usable length of 900 mm. The drum rotates at 15, 30, 60, 120, 240, and 480 mm/min. Seismometers recommended for use with this oscillograph are listed, and their parameters are tabulated (SKM-3, USF-III-M, SVK-3, and SGK-3 seismometers). Photographs of instrument, and schematic of seismometer-galvanometer connection are shown. Orig. art. has: 5 figures, 3 tables, 1 formula. [FSB: v. 1, no 57]		
SUB CODE: ES, EC / SUBM DATE: none		
Card 1/1 Q		090/0159

KASTERSKIY, V. E.  
KASTORSKIY, V. E.

Sravnenie gelikopternogo vinta tipa NEZh s variatsionnym vintom.  
Moskva, Izd-vo Akademii, 1934. 12 p., diagrs. (Voennovozdushnaia  
akademiya imeni N. E. Zhukovskogo. Trudy, no. 144)  
Title tr.: Comparison of the NEZh-type rotor with the variable  
propeller.

TL716.K3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
Congress, 1955.

KASTORSKIY, V. (DOCENT)  
[Ye.]

Oct 52

USSR/Engineering - Aeronautics, Helicopters

"Peculiarities of the Aerodynamics of Helicopters," Docent V. Kastorskiy, Col-Engr,  
Cand.Tech Sci

Vest Vozdush Flota, No 10, pp 54-64

Discusses various factors essential to performance of helicopter, such as periodicity  
of aerodynamic forces and moments, basic parameters characterizing rotor operation,  
angles of attack in cross-sections of rotor blade, autorotation, effect of ground  
proximity, automatic blade-pitch changing, peculiarities of control, etc.

262T21

KASTORSKIY, V., Engr-Cpl.

KASTORSKIY, V.- Candidate of Technical Sciences

Author of article, "Helicopter Aviation," on Russian contributions to the development of the helicopter. According to the author, M. V. Lomonosov, built the world's first model helicopter with a workable propeller. In 1870-1871, M. A. Pykachev proposed that helicopters could fly horizontally if the axis of the propeller were tilted forward. A. N. Lodygin constructed an electric motor for a helicopter on which he worked. Under the direction of N. Ye. Zhukovskiy, B. N. YUR'YEV, now an Academician, worked on plans for a helicopter. The TsAGI-1-EA, a single-place machine with two engines, built in 1930, flew to an altitude of 605 meters in 1932, being tested by A. M. CHEREMUKHINYY, now a well-known Soviet scientist. In 1939, B. N. YUR'YEV and I. P. BRATUKHIN worked out plans for a dual-propeller plane from which came the "Omega." The single-propeller helicopter of M. L. MIL' and the coaxial helicopter of N. I. KAMOV have earned deserved praise. The author also tells briefly about flying a helicopter.

(Krasnaya Zvezda, 30 Dec 53)

SO: SUM 152, 25 June 1954

LUCHANSKIY, Iosif Aleksandrovich; YANOVSKIY, Aleksandr Aleksandrovich;  
KASTORSKIY, V., redaktor; BOGDANOV, N., redaktor; ZHURAVLEV, A.,  
tekhnicheskiy redaktor.

[Functioning of an airplane propeller] Rabota vozdukhogo vinta.  
Moskva, Izd-vo Dosaaf, 1954. 141 p. [Microfilm] (MLRA 8:?)  
(Propellers, Aerial)

BRATUKHIN, Ivan Pavlovich; KASTORSKIY, V.Ye., kandidat tekhnicheskikh  
nauk, dotsent, redaktor; BOGORODOVA, M.F., redaktor; MIL', M.L.,  
doktor tekhnicheskikh nauk, retsenzent; GRUSHIN, P.D., professor,  
retsenzent; CHISTYAKOVA, A.V., tekhnicheskiy redaktor

[Design and construction of helicopters] Proektirovanie i konstruktsii  
vertoletov. Moskva, Gos. izd-vo obor. promyshl., 1955. 360 p.  
(Helicopters) (MIRA 9:2)

Name : KASTORSKIY, V. Ye.

Title : Candidate of Technical Sciences.  
Engineer-Colonel.

Remarks : V. A. ZAKHARIN is the author of a booklet entitled "Helicopter" published by the State Printing Office of the Defense Industry, Moskva, and is reviewed by Candidate of Technical Sciences Engineer-Colonel V. Ye. KASTORSKIY and Engineer V. A. KUZNETSOV. The booklet is intended for readers with no specialized technical education.

Source : M: Vertolet (Helicopter), Moskva, 1956.

11 10

KASTORSKY, V., Eng. Col., Cand. Tech. Sci.

"Helicopter Aviation," from the book Modern Military Technology, 1956, page 90.

Translation 1114585

BELOV, L.; KASTORSKIY, V.; SOKOLOV, N.

[Galich; on the 800th anniversary of the city of Galich] Galich;  
k 800-letiiu goroda Galicha. Kostroma, Kostromskoe knizhnoe  
izd-vo, 1959. 142 p.  
(Galich) (MIRA 13:8)

KASTRAPELI, M.

Shipbuilding in the world. Medun transp 10 no. 58322-324  
My '64.

KASTRAPELI, Marin (Beograd)

Norwegian merchant marine on the international market. Medun transp  
7 no.11:1014-1016 N '61.

1. Clan Redakcionog odbora, "Medunarodni transport".

(Norway—Merchant marine)

KASTRAPELI, M.

Ship automation in addition to the modernization of the Yugoslav  
Merchant Marine. Medun transp 8 no.10:688-691 0 '62.

KASTRAPELI, M.

The "Sadoharu Maru," the most automatized transoceanic motor ship in the world, has been launched. Medun transp 8 no.ll:784-785 N '62.

KASTRAPELI, M.

State of the world's merchant marine in 1962. Medun transp  
9 no.1:28-29 Ja '63.

KASTRAPELI, Marin

Discrimination and its quantitative dimensions in the international  
maritime traffic. Medun transp 9 no.3:167-168 Mr '63.

KASTRAPELI, M.

Australia as a potential area of the development of world trade and  
shipping. Medun transp 10 no.126-30 Ja '64.

KASTRAPELLI, M.

Maritime transport in Italy in 1963. Medium transp 10 no.11:  
20-22 N '64.

KASTRAPELI, Milenko, dipl. inz.

Air circulation systems in cold storage rooms on ships.  
Brodogradnja 14 no.5:181-184 '64.

DEDIC, Stojan; RADIVOJEVIC, Stevka; MARKOVIC, Milan; KASTRATOVIC, Milica

Results of radiological treatment of neoplasms of the uterine neck  
and of parametrium. Srpski arh. celok. lek. 85 no.5:522-534 Mar 57.

1. Radioloski institut Medicinskog fakulteta u Beogradu. Upravnik:  
Bošnjaković.

(CERVIX NEOPLASMS, ther.

radiother.)

(UTERUS NEOPLASMS, ther.

radiother. of cervix & parametrium cancer (Ser))

KASTRAPELI, M., kapetan daljne plovidbe

Shipbuilding, merchant marine, and tonnage in 1961.  
Medun transp 8 no.2:78-82 F '62.

KASTRAPELI, Marin

The state of merchant marine in the world. Medun transp  
8 no.2:87-88 F '62.

KASTRAPELI, M.

Systematic scrutiny of the development of the maritime market  
in Asia, a paramount task of the Yugoslav merchant marine.  
Medun transp 8 no.5:324-326 My '62.

KASTRATOVIC, N.; MILE SAVLJEVIC, B.

Smoke screens for objects in the rear. p. 52. VOJNI GLASNIK.  
(Jugoslavenska narodna armija) Beograd.

Vol. 9, No. 6, June 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 4, No. 12, December 1955

*KASTRIKIN, L.I.*

AUTHOR: Kastrikin, L.I.

3-58-2-16/33

TITLE: Students Help to Erect Buildings for Their Vuz (Studenty pomo-gayut stroit' doma dlya svoego vuza)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 2, pp 67-69 (USSR)

ABSTRACT: Since 1954, it has become a tradition for the students of the Kazanskiy universitet (Kazan' University) to assist in construction, repair and public welfare works. The article gives particulars on this activity of the students.

In the 1955/56 school year, the students helped in reconstructing the laboratory of the Chair of Physics, the western semicircular building, etc.

In July 1957, students helped to build a dormitory at the university.

During 1958, the students will work on the construction of a house, a gymnasium and a swimming pool for the university. This year, 400 students will attend the abbreviated construction courses and work during summer vacation on the house.

There is one photo.

AVAILABLE: Library of Congress  
Card 1/1

KASTRIKIN, N.F.

Some data on the structure of the striated muscles of crabs.  
Nauch. dokl. vys. shkoly; biol. nauki no.2:68-70 '61.

(MIRA 14:5)

1. Rekomendovana kafedroy histologii Moskovskogo gosudarstvennogo  
universiteta im. M.V.Lomonosova.  
(CRABS) (MUSCLE)

KASTRIKIN, N.F.

Wrinkling of neurons of the cerebral cortex in albino rats subject to hypoxia and mechanical injuries. Nauch. dokl. vys. shkoly; biol. nauki no.1:54-56 '62. (MIRA 15:3)

1. Rekomendovana knyfedroy histologii Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.  
(CEREBRAL CORTEX)

KASTRIKIN, N.F.

Histochemical study of the Moog effect involved in Homori's cobalt method on alkaline phosphatase. Dokl. AN SSSR 160 no.4: 940-943 F '65. (MTRA 18:2)

1. Institut morfolgii zhivotnykh im. A.N. Severtsova AN SSSR.  
Submitted October 5, 1964.

KASTRIKIN, N.F. (Sukhumi, Pochtovoye otdeleniye No.1)

Karyokinesis of neurons and regeneration of the cerebral cortex of adult rats following mechanical injury. Arkh. anat. gist. i embr. 41 no. 7:54-57 Jl '61. (MIRA 15:2)

1. Kafedra gistologii (zav. - prof A.N.Studitskiy) Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.  
(CEREBRAL CORTEX WOUNDS AND INJURIES)  
(KARYOKINESIS) (REGENERATION (BIOLOGY))

EPSHTEYN, S.F. [Epshteyn, S.F.]; KASTRIKINA, T.F. [Kastrykina, T.F.]

Renewal of creatine in animal muscles. Ukr.biokhim.zhur. 34  
no.5:727-733 '63. (MIRA 16:4)

1. Institute biokhimii AN UkrSSR, Kiyev.  
(CREATINE) (MUSCLE)

KASTRIKINA, T.F. [Kastrykina, T.F.]: EPSHTEYN, S.F.

Phospholipide content in the muscles. Ukr. biokhim. zhur. 37 no.3:  
345-351 '65. (MIRA 18:7)

1. Institut biokhimii AN UkrSSR, Kiyev.

KESTRON, Y.A.P.

Compounds containing a three-membered oxide ring  
VI. Reaction of the ester of 2-methyl- $\alpha$ -ethyloxirane  
with amine

1.0 g. Mixture  $CH_3COCl$  and 1.0 g. Phthalimide in a  
mugul 40 hrs at 170-20° in a 20%  $Pt(NHCMeEtCH_2OH)_2$   
 $O_2$  at 160-4°, in the 10°, which, heated with  
10% NaOH, gave 1.0 g. product, m. 130-132°, 1.0 g.  
m. 144-145°, m. 150-151°. Thus the rupture of the  
oxide ring in the starting material occurred at the  $\delta$ -C atom,  
while in the imole formation the tetrahydron rearrange-  
ment of the epoxide took place.

KASTRON, Ya. A.

USSR/Chemistry - Reaction processes

Card 1/1 : Pub. 151 - 20/37

Authors : Martynov, V. F., and Kastron, Ya. A.

Title : Investigation of compounds containing the three-membered oxide ring. Part 11. Reaction of ethyl ether of beta-methyl-beta-ethylglycidic acid with o- and p-toluidine

Periodical : Zhur. ob. khim. 24/3, 498-501, Mar 1954

Abstract : The reaction between ethyl ether of beta-methyl-beta-ethylglycidic acid and o- and p-toluidine, was investigated. It was found that the opening of the oxide ring of above mentioned glycidic acid is accomplished by the tertiary beta-carbon atom. The synthesis of hitherto unknown ethyl ether of alpha-oxy-beta-(p-toluidine)-isocaproic and ethyl ether of alpha-oxy-beta-(o-toluidine)-isocaproic acids, is announced. The conversion of these acids into 2,5-dimethyl-3-ethylindole and 2,7-dimethyl-3-ethylindole, respectively, is described. These two indole homologues are mentioned for the first time. Three USSR references (1913 and 1953).

Institution : The A. A. Zhdanov, Order of Lenin State University, Leningrad

Submitted : October 31, 1953

USSR

V. Compounds containing a hetero-membered oxide ring.

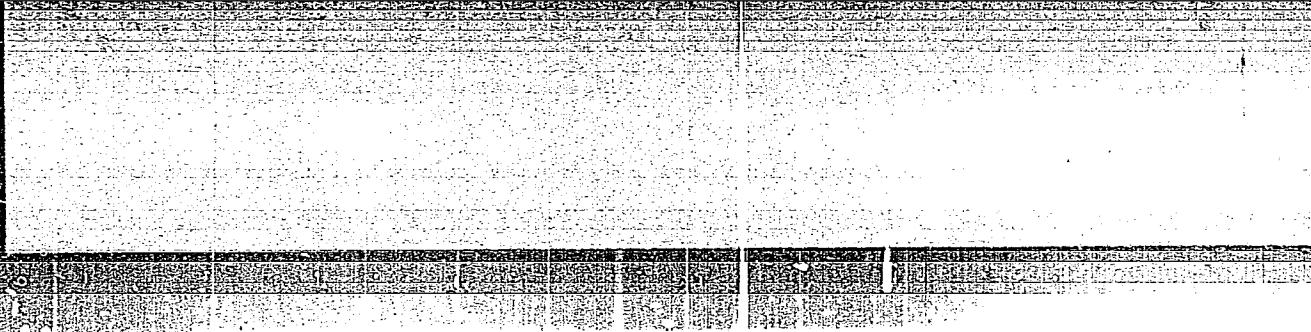
XI. Fraction of ethyl ester of 3-methyl-1,3-ethylenecarboxylic acid

with *o*- and *p*-toluidines. V. V. Mityusov and Ya. A.

Kazakov. J. Russ. Chem. U.S.S.R. 21, 807-9 (1954) (Chem. Abstr. 49, 6150c). H. I. H.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110001-8



APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110001-8"

NAME: Martynov, V. F., Kestron, Ya. A. SOV/79-28-8-17/66

TITLE: Investigations on Compounds Containing Oxygen in a Three-Membered Ring (Issledovaniye v oblasti soyedineniy, soderzhashchikh trekhchlennoye okisnoye kol'tso) XXIII. The Decomposition Reactions of the Ethyl Esters of  $\beta$ -Methyl- $\beta$ -Butyl- and  $\beta$ -Methyl- $\beta$ -Phenyl Glycidic Acids With Aniline (XXIII. Vzaimodeystviye etilovykh estirov  $\beta$ -metil- $\beta$ -butil- i  $\beta$ -metil- $\beta$ -fenilglitsidnykh kislot s anilinom)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol. 28, Nr 8, pp. 2082-2085 (USSR)

ABSTRACT: In the previous publication (Ref 1) the author described the decomposition reaction of aromatic amines with the ethyl esters of glycidic acids which have different substituted groups at the  $\beta$ -carbon atom. In this paper the author describes the newly synthesized  $\beta$ -methyl- $\beta$ -butyl glycidic acid (42 % yield). The addition of aniline to the above esters should be a difficult reaction to carry out because of the steric hindrances at the  $\beta$ -position. Heating for 16 hours at 160-170° failed to produce substitution at the oxygen ring, but the reaction did go when the mixture was heated in a steel cylinder at

Card 1/3

Investigations on Compounds Containing Oxygen in a Three- Membered Ring. XXIII. The Decomposition Reactions of the Ethyl Esters of  $\alpha$ -Methyl- $\beta$ -Butyl- and  $\beta$ -Methyl- $\beta$ -Phenyl Glycidic Acids With Aniline SOV/79-28-8-17/66

175-180° for 36 hours. The characteristic constants of the end product were determined. It was expected that in accordance with the earlier results (Ref 1) an ethyl ester of the  $\alpha$ -oxy- $\beta$ -aniline- $\beta$ -methyl- $\beta$ -butyl propionic acid (Formula I) would result. However, analysis showed that it was possible to convert the product of the above reaction to the corresponding indole by reacting it with concentrated sulfuric acid. In this way it was conclusively demonstrated that in the above reaction the oxygen ring opens on the side of the  $\beta$ -carbon atom. In investigating the structure of the indole prepared above the 2-methyl- $\beta$ -butyl indole(II) was synthesized. There are 2 references, which are Soviet.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet i Rizhskiy pedagogicheskiy institut (Leningrad State University and the Riga Pedagogical Institute)

SUBMITTED: July 10, 1957

Card 2/3

ACCESSION NR: AP5007155

S/0286/F5/000111

AUTHOR: Giller, S. A.; Kastron, Ya. A.

TITLE: A method for producing polymers. / Class 22, No. 167922 /<sup>15</sup>

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 3, 1965, 38

MARTYNOV, V.F.; KASTRON, Ya.N.

Compounds containing a three-membered oxide ring. Part 27:  
Interaction of aniline with ethyl ester of  $\beta$ -methyl- $\beta$ -phenyl-  
glycidic acid. Zhur. ob. khim. 32 no. 3:721-723 Mr '62.  
(MIRA 15:3)

1. Leningradskiy gosudarstvennyy universitet.  
(Aniline) (Glycidic acid)

LEBED', Lev Davidovich; KASTRONOVA, Yevgeniya Konstantinovna;  
LEPEKHIN, Petr Vasilevich, ~~MURKIN, I.V.~~, red.

[Down-type goats of the Don Valley] Pridonskie pukhovye  
kozy. Volgograd, Volgogradskoe knizhnoe izd-vo, 1962.  
(MIRA 18:3)  
89 p.

KASTROV, A.S.

Set of furniture for small family apartments finished by the contact  
print method. Bum. i der. prom. no.1829-31 Ja-Mr '65.

(MIRA 18:10)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110001-8

KASTROV, V.G.

DECEASED  
c1961

1962/4

SEE ILC

METEOROLOGY & HYDROLOGY

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110001-8"

SOBOLEV, V.R.; VLASOVA, I.V.; KASTRUBIN, E.M.

accelerated determination of the sensitivity of various groups of  
micro-organisms to antibiotics with the aid of phase contrast micro-  
scopy. Antibiotiki 9 no.12:1073-1077 D '64. (MIRA 18:7)

1. Kafedra mikrobiologii (zav. - deyствител'nyy chlen AMN SSSR,  
prof. Z.V.Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya  
vrachey, Moskva.

KUKHARKOVA, L. L.; LAVROVA, L. P.; FREYDLIN, Ye. M.; KASTRULINA, Z. N.; PEROVA, P. V.;  
BUSHKOVA, L. A.

"Cover pickles microflora in smoked pork meats and bacon production."

report submitted for 10th European Mtg, Meat Res Workers, Rockilde, Denmark, 7-15  
Aug 1964.

SHIROKOV, V.I., red.; VIL'CHINSKAYA, L.P., red.; NOVIKOVA, A.M., red.;  
KUFTYREVA, Z.I., red.; DONETS, Ye.P., red.; KASTRYKINA, M.A.,  
red.; DOLMATOVA, A.S., red.; BENEVOLENSKIY, I.I., red.;  
BOL'SHAKOVA, N.L., red.; BELYAKOV, P.V., red.; BADINA, L.S.,  
tekhn. red.

[The economy of Ivanovo Province; statistical abstract] Narod-  
noe khoziaistvo Ivanovskoi oblasti; statisticheskii sbornik.  
Ivanovo, Gosstatizdat, 1962. 227 p. (MIRA 16:6)

1. Ivanovo (Province)Statisticheskoye upravleniye. 2. Na-  
chal'nik Statisticheskogo upravleniya Ivanovskoy oblasti (for  
Belyakov). 4. Statisticheskoye upravleniye Ivanovskoy oblasti  
(for all except Badina).

(Ivanovo Province--Statistics)

EPSHTEYN, S.F.; KASTRYKINA, T.F.

Nucleic acids in functionally different muscles. Ukr. biokhim.  
zhur. 36 no. 4:527-535 '64. (MIRA 18:12)

I. Institut biokhimii AN UkrSSR, Kiyev. Submitted March 31,  
1964.

PRAKAPCHUK, A.Ya.; BANDAROVICH, A.G.; CHARNAMORTSAVA, N.I.; KARPOVICH, Ye.A.; KASTSENICH, N.

Fungous flora of the normal and pathological skin. Vestsi AN  
BSSR no.3:153-158 My-Je '52. (MIRA 7:8)  
(Dermatophytes)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110001-8

KASTSYUCHENKA, A.A.

Fish species in the Dnieper basin within White Russia. Vestsi AN  
BSSR Ser. bilal. nav. no.1:87-94 '62. (MIRA 17:9)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110001-8"

GARACHKIN, V.G.; KASTSYUK, N.S., kandydat tekhnichnykh navuk.

Basic technological indexes of yields of cylindrically-shaped peat turfs. Vestsi AN BSSR no.3:56-64 My-Je '52. (MIRA 7:8)

1. Chlen-karespandent AN BSSR (for Garachkin)  
(Peat industry)

KASTSYUK, N.S.

BYAL'KEVICH, P.I.: KASTSYUK, N.S.

Fundamental results of research by the Peat Institute of the  
Academy of Sciences of the White Russian S.S.R. on the technology  
and mechanization of peat production. Ventsi AN BSSR no.4:151  
Jl-Ag '54. (Peat industry) (MLRA 8:9)

BYAL'KEVICH, P.I.; KASTSYUK, N.S.

Development of the science of peat and its utilization in the  
national economy of the White Russian S.S.R. Vestsi AN BSSR Ser.  
fiz.-tekhn. nav. no.3:43-56 '57. (MIRA 11:1)  
(White Russia--Peat)

KASTSYLYANSKAYA, D.S.

Care of small children in the family. Rab.1 sial.33 no. 20-21  
Ja 1957.  
(MLRA 10:2)

1. Starshiy navukovy supratchemik navukova-dasledchaga instytuta.  
akhovy matsyarynstva i dryatsinstva BSSR.  
(Children--Care and hygiene)

COUNTRY	:	USSR
CATEGORY	:	Forestry. Forest Management
ABS. JOUR.	:	RZhBiol., No. 2, 1959, No. 6171 K
AUTHOR	:	Kastsyukovich, N.I.
INST.	:	AS Belorussian SSSR
TITLE	:	Boyka, A.V. Influence of Felling Maintenance on General Productivity of Pine Plantations.
ORIG. PUB.	:	Izv. AN BSSR. Ser. biol. n., 1957, No.4, 37-44
ABSTRACT	:	No abstract.
CARD: 1/1		

~~KASTSYUSHKA, L.V.~~, inzhener; ZAVALISHYN, M., redaktor; KARPOVICH, Ya.,  
tekhnicheskiy redaktor.

[Collective-farm radio unit] Kalnasny radyovuzel. Minsk, Dsirsh.  
vyd-va BSSR, Red. navukova-tekhnicheskai lit-ry, 1952. 79 p. (MLRA 8:2)  
(Collective farms) (Radio--Receivers and reception)

USSR/Farm Animals. Horses.

Q

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92563.

speed (tractive force  $7\frac{1}{2}\%$  of the live weight) on a distance of 2000 meters. The best results in the first and second kind of tests were shown by horses belonging to the strong, balanced, agile type, while in the third kind of tests the best results were shown by horses belonging to the strong, unbalanced impulsive type, which covered 2000 meters in 6 minutes 58 sec., while horses belonging to the strong balanced agile type covered it in 7 min. 26 sec. Horses belonging to the weak type were in the last place in all kinds of tests.

Card : 2/2

42

BUJALSKI, Stanislaw, KASTYAK, Leslaw

Comparative studies on the influence of certain dilutions upon the survival of ram semen. Zeszyty problemowe post nauk roln no.31:163-168 '61.

1. Katedra Hodowli Ogolnej Zwierzat, Wyzsza Szkoła Rolnicza, Olsztyn.  
Kierownik: Zastepca prof. dr. J. Szwemini.

KASTYAK, Leslaw

The influence of shearing and of vitamins A + D<sub>2</sub> upon the quantity  
and quality of the semen of rams. Zeszyty problemowe post nauk roln  
no.31:189-193 '61.

1. Katedra Hodowli Ogolnej Zwierzat, Wyższa Szkoła Rolnicza, Olsztyn  
Kierownik: zast. prof. dr. J. Szwemir

Kastyl, J.

AGRICULTURE

PERINA, G. ; KASTYL, J.

New design of the drive for MAR 90 threshers. p. 154.

Vol. 3, no. 7, July 1958

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

KASTYUK, N.P., inzhener-ekonomist

Expand socialist competition in the oil and fat industry.  
Masl.-zhir.prom. 19 no.1:5-8 '54. (MLRA 7:2)

1. Glavraszfirmaslo. (Oil industry)

KASULIN, V.S.; KALININA, T.V.; ASTAF'IEV, G.V.

Apparatus for cholangiometry. Med.prom. 41 no.4:52-53 Ap '60.  
(MIRA 13:6)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov.  
(MEDICAL INSTRUMENTS AND APPARATUS)  
(BILARY TRACT--DISEASES--DIAGNOSIS)

KALININA, T.V.; ASTAF'YEV, G.V.; KASULIN, V.S.

Instruments and apparatus for operations on the biliary tract.  
Trudy NIIEKHAI no.5:258-263 '61. (MIRA ,5:8)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov.  
(BILIARY TRACT—SURGERY) (SURGICAL INSTRUMENTS AND APPARATUS)

KARSULIN, Miroslav

~~REDACTED~~  
Y/002/60/000/003/001/001  
D251/D301

AUTHOR: Miroslav

TITLE: Non-alkaline glass from aluminum silicate minerals

PERIODICAL: Kemija u industriji, no. 3, 1960, 5-6

TEXT: The article describes the experimental manufacture of non-alkaline types of glass with the use of various aluminum silicate minerals. Chemical and physical data of some types of glass produced, on the basis of which the possibilities of industrial production of such glass can be considered, are also given in the article. Introduction: During research on the production of glass from various aluminum silicate minerals, carried out by the author's Institute on the initiative of its former director Professor, Doctor of Engineering M. Karšulin, a number of compositions for melting non-alkaline glass were worked out. The basic constituents of these types of glass were as follows: 56-61 % SiO<sub>2</sub>, 16-18 % Al<sub>2</sub>O<sub>3</sub>, 16-21 % CaO, 3-7 % MgO and 0-3 % F'. Glass was melted on a

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D251/D301

Non-alkaline glass from ...

laboratory scale only in a small petroleum-fueled furnace with a 0.25 liter container. The basic materials for these types of glass were as follows: 1 - bentonite; 2 - white bauxite; 3 - lime; 4 - industrial  $MgCO_3$  and 5 - fluorite. The chemical composition of these materials is tabulated as follows:

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D251/D305

"on-alkaline glass from ...

Table.

Legend: 1 - Bentonite; 2 - white bauxite; 3 - lime; 4 - moisture at 105°C; 5 - loss during heating; 6 - alkalis; 7 - total.

Footnotes to the table: 1) Analyzed Professor, Doctor M. Ferić; 2) analyzed Schneider; 3) analyzed R. Laslo.

	Bentonit <sup>1</sup> (1) %	Bijeli boksit <sup>2</sup> (2) %	Vopnenac <sup>3</sup> (3) %
Vlaga pri 105°C	12,65	—	0,01
Gubitak zarenjem	3,15	14,24	43,63
SiO <sub>2</sub>	65,82	25,58	0,29
TiO <sub>2</sub>	—	2,50	—
Al <sub>2</sub> O <sub>3</sub>	8,69	56,54	—
Fe <sub>2</sub> O <sub>3</sub>	3,99	1,66	0,04
CaO	1,92	—	55,14
MgO	3,19	—	0,75
SO <sub>3</sub> <sup>-</sup>	0,33	—	0,07
Alkalije	0,26	—	—
Ukupno	100,01	100,62	99,93

1) Analizirao prof. Dr. M. Ferić  
2) Analizirao Schneider  
3) Analizirao R. Laslo

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Y/002/60/000/003/001/001  
D251/D301

Non-alkaline glass from ...

On the basis of constituents of the above-mentioned materials several glass mixtures were worked out and prepared, the most characteristic of which are: a) Glass Nr. 35. From 139.1 parts by weight of the mixture, 108.23 parts by weight of glass are obtained. The utilization is, therefore,

$$\frac{108.23}{139.10} \cdot 100 = 77.80 \%$$

The  $\text{SiO}_2$ :  $\text{CaO}$  molar ratio = 1.5 : 1. The glass did not melt easily. The furnace temperature was  $1450^\circ\text{C}$ . Melting lasted 4 hours. The glass poured easily from the container. Its color was yellow-green. The glass was cooled in a preheated electric furnace; no crystallization was observed:

Table. Glass Nr. 35.

Legend: 1 - Material; 2 - parts by weight; 3 - total; 4 - bentonite; 5 - white bauxite; 6 - lime; 7 - total; 8 - % in glass.

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D251/D301

...non-alkaline glass from ...

Table. Glass Nr. 35. (cont'd)

Staklo br. 35

① Materijal	② Fe <sub>2</sub> O <sub>3</sub> dije- lovo	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	TiO <sub>2</sub>	SO <sub>3</sub>	Na <sub>2</sub> O	③ Ustupno
④ Bentonit	87,0	57,27	7,56	3,47	1,67	2,70	—	0,29	0,23	73,27
⑤ Bijeli boksit	18,6	6,78	10,52	0,31	—	—	0,50	—	—	15,11
⑥ Vaprenac	33,5	0,10	—	0,01	18,47	0,25	—	0,02	—	10,05
⑦ Ukupno	139,1	62,15	18,08	3,79	20,14	3,03	0,50	0,31	0,21	109,23
⑧ % u staklu	—	57,42	10,71	3,50	19,61	2,80	0,46	0,29	0,21	109,23

b) Glass Nr. 36. From 144.20 parts by weight of the mixture 114.59 parts by weight of glass are obtained. The utilization is  $\frac{114.59}{144.20} \cdot 100 = 79.45\%$ . The SiO<sub>2</sub> : CaO molar ratio = 1.6 : 1. The glass melted well, much better than glass Nr. 35. The temperature of the furnace was 1450°C. Melting lasted 2 hours. Adding 10 parts ✓

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D251/D301

Non-alkaline glass from ...

by weight of fluorite made for better transparency of the glass and especially for more rapid melting. The glass which poured easily from the pot was cooled in an electric furnace and showed no crystallization. The color was yellow-green:

Table. Glass Nr. 36.

Legend: 1 - Material; 2 - parts by weight; 3 - total; 4 - bentonite; 5 - white bauxite; 6 - lime; 7 - fluorite; 8 - total; 9 - % in glass.

Staklo br. 3634	(1) Material	(2) <sup>100</sup> <sub>kg</sub> dije- lova	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	TiO <sub>2</sub>	SO <sub>3</sub>	K <sub>2</sub> O	F	(3) Ukupno
(4) Bentonit	87,0	56,29	7,56	3,47	1,57	2,70	—	0,29	0,23	—	72,9	
(5) Bijeli bauxit	10,6	4,78	10,52	0,31	—	—	0,50	—	—	—	15,11	
(6) Vapnenac	28,6	0,08	—	0,01	15,77	0,21	—	0,02	—	—	10,09	
(7) Fluorit	10,0	—	—	—	7,18	—	—	—	—	2,92	10,10	
(8) Ukupno	144,2	61,15	18,08	3,79	24,62	2,99	0,50	0,31	0,23	2,92	114,59	
(9) % u staklu	—	53,36	15,78	3,31	21,48	2,61	0,44	0,27	0,20	2,55	100,00	

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T/002/60/000/003/001/001

D251/D301

Non-alkaline glass from ...

c) Glass Nr. 38. From 144.20 parts by weight of the mixture 116.31 parts by weight of glass is obtained. The utilization is  $\frac{116.31}{144.20} \cdot 100 = 80.7\%$ . The SiO<sub>2</sub> : CaO molar ratio = 1.6 : 1. This glass melted completely at a temperature of 1450°C. Melting lasted 2 hours. Adding magnesite did not appreciably affect the melting process. Glass poured easily. It was cooled in the electric furnace and showed no crystallization. The color was yellow-green.

Table. Glass Nr. 38.

Legend: 1 - Material; 2 - parts by weight; 3 - total; 4 - bentonite; 5 - white bauxite; 6 - lime; 7 - magnesite; 8 - fluorite; 9 - total; 10 - % in glass.

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D251/D301

Non-alkaline glass from ...

Table. Glass Nr. 38. (cont'd)

Staklo br. 38	Materijal	Tet dje- lova	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	TiO <sub>2</sub>	SO <sub>3</sub> *	No <sub>2</sub> O	F'	Ukupno
1	Bentonit	94,0	60,87	8,17	3,75	1,80	3,60	—	0,31	0,24	—	78,75
4	Eijoli boksit	12,0	1,08	10,80	0,12	—	—	0,30	—	—	—	12,30
5	Vepnenac	19,4	0,07	—	0,01	10,70	0,15	—	0,01	—	—	10,94
6	Magnazit	8,8	—	—	—	—	4,21	—	—	—	—	4,31
7	Fluorit	10,0	—	—	—	7,19	—	—	—	—	2,02	10,10
8	Ukupno	144,20	62,04	18,97	3,88	19,58	7,96	0,30	0,32	0,24	2,02	118,31
9	% u staklu	—	53,34	16,31	3,34	16,52	6,84	0,28	0,27	0,21	2,51	100,00

The hydrolytic resistance, the coefficient of thermal expansion, specific gravity and the hardness of these types of glass were determined with the following results: Glass Nr. 35, 36 and 38 fall under hydrolytic category no. 1. The coefficient of thermal expan-

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Y/002/60/000/003/001/001  
D251/D301

Non-alkaline glass from ...

sion varies between 44 and  $47 \cdot 10^{-7}$ . The specific gravity of these types of glass is 2.6 and the hardness ranges between 900 and 980 kg/mm<sup>2</sup>. The hardness of ordinary plate glass is about 600 kg/mm<sup>2</sup> and of alloy steel 750 kg/mm<sup>2</sup>. On the basis of above-mentioned results, these types of glass could be used for heat-resistant vessels, pipes and apparatus which are exposed to aggressive media and to sudden changes in temperature and where colorless glass is not absolutely necessary. This glass can also be used for heat-resistant cooking utensils. If colorless glass is required, bentonite can be replaced by pure silica and for the introduction of Al<sub>2</sub>O<sub>3</sub>, aluminum hydrate or industrial aluminum oxide can be used. The electrical insulating properties of this glass were not tested, but the author believes that they are adequate and that the glass could be used for high-tension insulators. Since the glass was not melted on industrial or semi-industrial scale no experience could be gathered in this field. At the time the tests were performed no special installations existed,

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Non-alkaline glass from ...

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D251/D301

such as the "Boris Kidrič" Laboratory Glass Plant in Pula for which this glass could, no doubt, be of considerable interest. There are 4 tables. Abstractor's note: This is essentially a complete translation.

ASSOCIATION: Institut za kemiju silikata (Institute of Silicate Chemistry), Zagreb.

Card 10/10

KALININA, T.V.(Moskva,D-315,ul.Chasovaya,d.27/12,pod.1,komn.22); BABKIN, S.I.;  
KASULIN, V.S.; ASTAF'YEV, G.V.

Mechanical suture for esophago-intestinal (gastric) anastomosis.  
Klin.khir. no.8:81-82 J1 '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov.  
(SUTURES) (ALIMENTARY CANAL—SURGERY)

KALININA, T.V.; KASULIN, V.S.

Modernized apparatus PKS-25M, Vop. onk. 11 no.8:114 '65.

(MIRA 18:11)

1. Iz nauchno-issledovatel'skogo instituta khirurgicheskoy  
apparatury i instrumentov (direktor - zasluzhennyj vrach RSFSR  
M.G.Anan'yev).

L 1442-66 EWT(1)/EPF(n)-2/T-2/ETC(m)-6 WW/DJ

ACC NR: AP6002962

(A)

SOURCE CODE: UR/0286/65/000/024/0132/0132

INVENTOR: Kazulin, V. S.

ORG: none

TITLE: An eccentric mechanism for pumps. Class 47, No. 177248 [announced by the Scientific Research Institute of Experimental Surgical Equipment and Instruments (Nauchno-issledovatel's'iy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 132

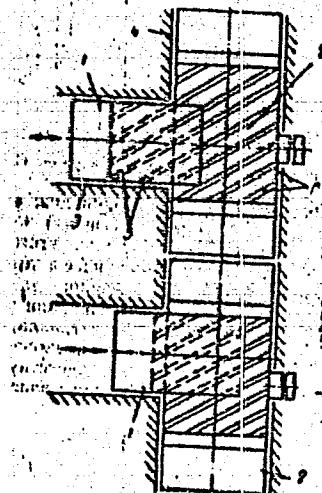
TOPIC TAGS: pump, automatic control

ABSTRACT: This Author's Certificate introduces an eccentric mechanism for pumps. The unit contains two mutually perpendicular interconnected sliders. One of these sliders has a pin connected to the actuator. The length of the actuator's stroke is controlled by changing the eccentricity. One of the sliders has straight ridges which interact with matching straight grooves on the other slider. The ridges and grooves are situated at an angle determined by the required law of motion.

Card 1/2

UDC: 621.837.2:621.65

I 34442-66  
ACC NR: AP6002962



1 and 2 - sliders; 3 and 4 - guides; 5 - ridges; 6 - grooves.

SUB CODE: 13/

Card 2/2 *PC*

SUBM DATE: 18 Apr 84

SALAMOV, M.Yu.; SAFAROV, Yu.A.; BAGIROV, T.B.; KASJUMBEKOV, I.P.

Relationship between the number of revolutions of the bit  
and efficiency in electric drilling. Azerb.neft.khoz. 40  
no. 8:18-20 Ag '61. (MIRA 15:2)  
(Oil well drilling, Electric)

KASUMBEYLI, Kh.G., doktor med.nauk, referent.

"A case of Hailey's disease (from "Dermatologische Wochenschrift",  
133, 1956, no.3). Azerb.med.zhur, no.11:85-86 N '58 (MIRA 11:12)  
(PENPHIGUS)

KASUMBEYLZ, Kh.G.

Data for the investigation of various clinical forms of parapsoriasis.  
Sov.med. 23 no.9:77-82 S '59. (MIRA 13:1)

I. Iz otdela dermatologii (zav. - prof. N.S. Smelov) i otdela patomorfologii (zav. - prof. Ye.F. Belyayeva) TSentral'nogo kozhno-venereologicheskogo instituta (dir. - kand.med.nauk N.M. Turanov) Ministerstva zdravookhraneniya RSFSR.  
(PARAPSORIASIS)

KASUMBEYI I. Kh.G., klinicheskiy ordinator

On parapsoriasis guttata. Vest.derm. i ven. 34 no.2:72-76  
P '60. (MIRA 13:12)

I. Iz otdela dermatologii (zav. - prof. N.S. Smelov) i otdela pato-  
morfologii (zav. - prof. Ye. F. Belyayeva) Tsentral'nogo kozhno-  
venerologicheskogo instituta (direktor - kand.med.nauk N.M. Turanov)  
Ministerstva zdravookhraneniya RSFSR.

(PARAPSORIASIS)

KASUMBEYLI, Kh. G.

Ambulatory dimedrol therapy for patients with pruritic dermatoses. Vest. derm. i ven. no.6:68-70 '61. (MIRA 15:4)

1. Iz 10-y gorodskoy polikliniki (glavnyy vrach M. N. Aslanov)  
Stalinskogo rayona, Baku.

(DIMEDROL) (PRURITUS)

KASUMBEYLI, Kh.G.

A symptom in patients with parapsoriasis and vascular  
reticular atrophic poikiloderma. Azerb. med. zhur. 41 no.9:  
52-57 S '64. (MIRA 18:11)

1. Iz otdela dermatologii (zav. - prof. N.S. Smelov) i  
otdela patomorfologii (zav. - prof. Ye.F. Belyayeva) TSentral'-  
nogo kozhno-venerologicheskogo instituta (dir. - kand. med.  
nauk N.M. Turanov) Ministerstva zdravookhraneniya RSFSR.  
Submitted July 3, 1964.

KASUMKHANOV, F.A.

Theory of continuity and theory of numbers in Muhammad ibn  
Muhammad Nasir al-Din al-Tusi's works. Trudy Inst. ist.  
est. i tekhn. no.1:128-145 '54. (MLRA 8:9)  
(Continuity) (Numbers, Theory of)

KASUMKHANOV, F. A.:

KASUMKHANOV, F. A.: "The theory of continuous quantities and the doctrine of number in the work of the Azerbaijani scholar Muhammed Nasireddin Tusi of the 13th century." Acad Sci USSR. Inst of the History of Natural Science and Engineering. Moscow, 1956. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN PHYSICOMATHEMATICAL SCIENCE)

SO.: 'Kniжная летопись' No. 15, Moscow